

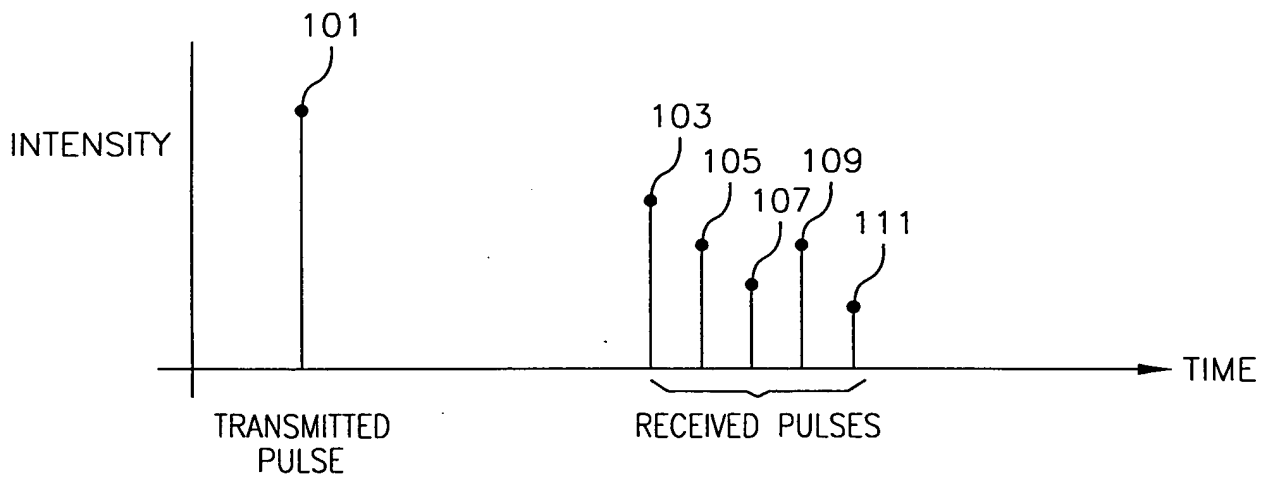
Appl. No. 09/693,709  
Amdt. dated Mar. 4, 2004  
Amendment to Office action of Feb. 18, 2004

**In the Drawings:**

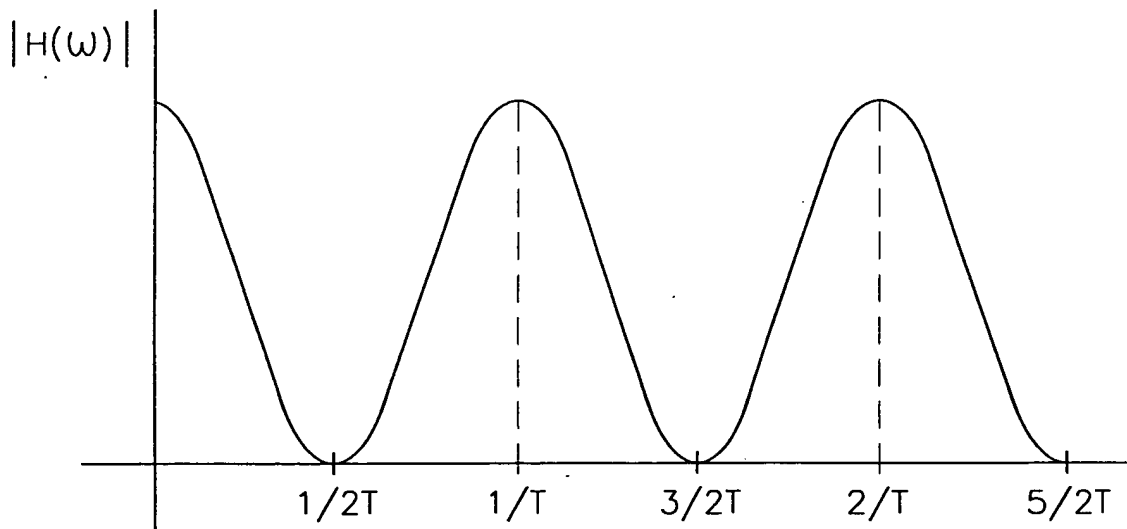
Submitted herewith are formal drawings to replace the informal drawings filed with the application (18 pages, figures 1-13).



TITLE: METHOD, APPARATUS AND SYSTEM  
FOR HIGH-SPEED TRANSMISSION ...  
INVENTOR: AGAZZI  
APPLICATION NO.: 09/693,709,  
CONF. NO. 7399; DOCKET NO. 13449US02  
ATTORNEY: JAW, PHONE: 312-775-8000



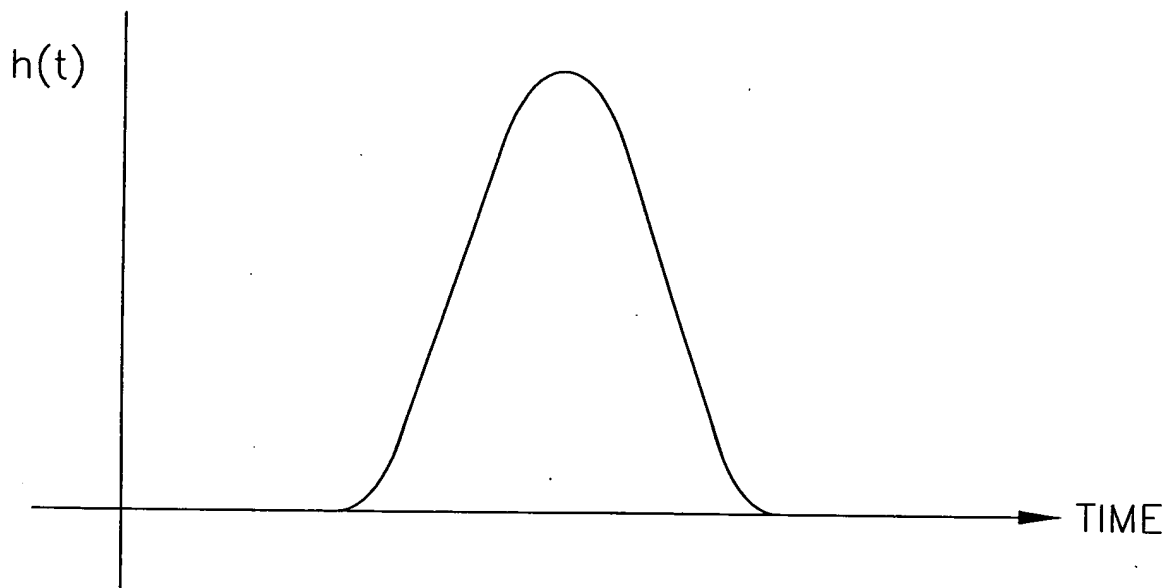
**FIG. 1A**



**FIG. 1B**



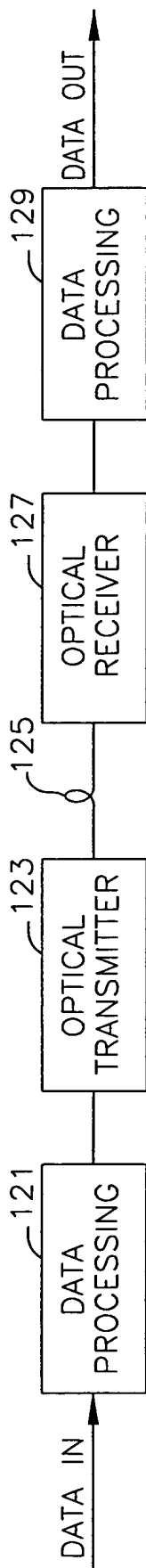
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*FIG. 1C*



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*FIG. 1D*

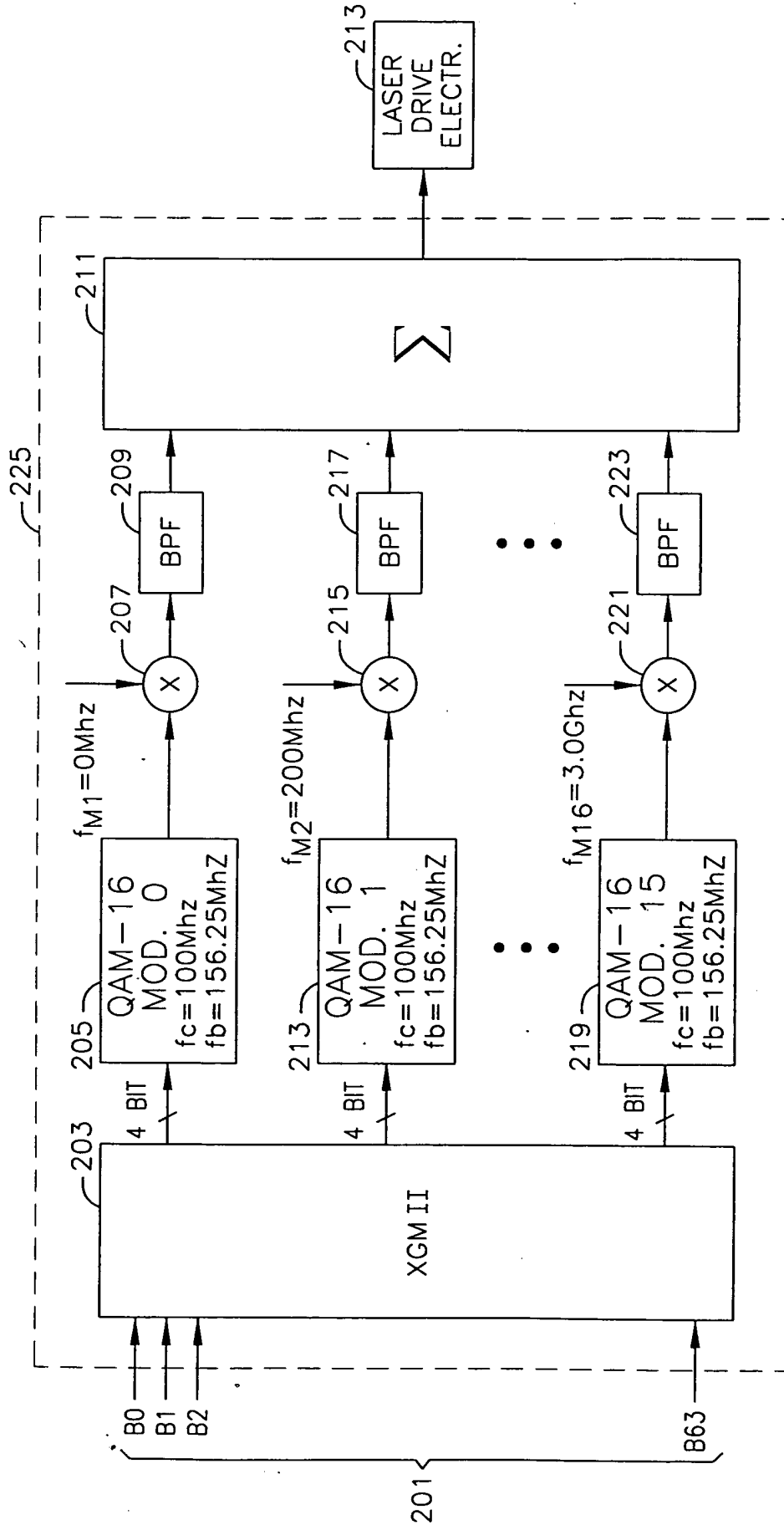


FIG. 2A

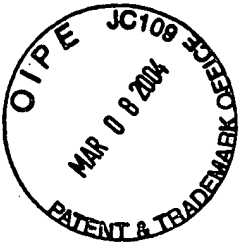
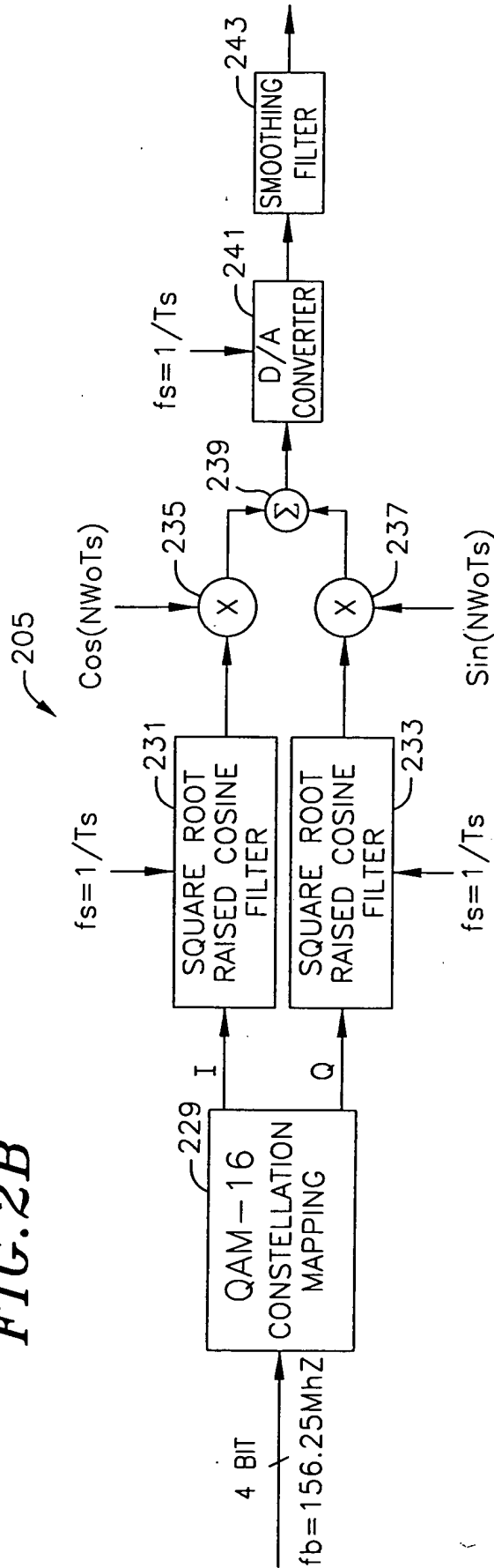
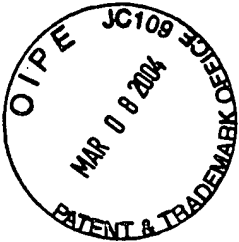


FIG. 2B

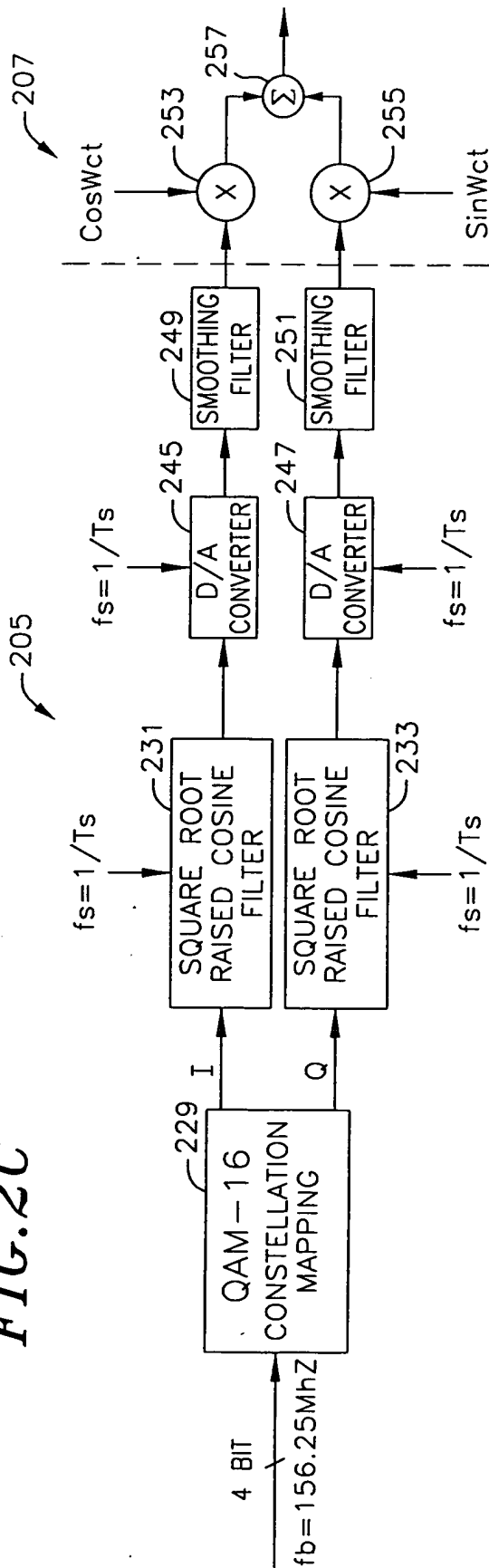


$T_s$  = SAMPLING PERIOD  
 $\omega_n = 2\pi f_s$  = DIGITAL CARRIER ANGULAR FREQUENCIES



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FIG.2C



$T_s$  = SAMPLING PERIOD FOR DSP BLOCKS  
 $\omega_n = 2\pi f_s$  = DIGITAL CARRIER ANGULAR FREQUENCIES

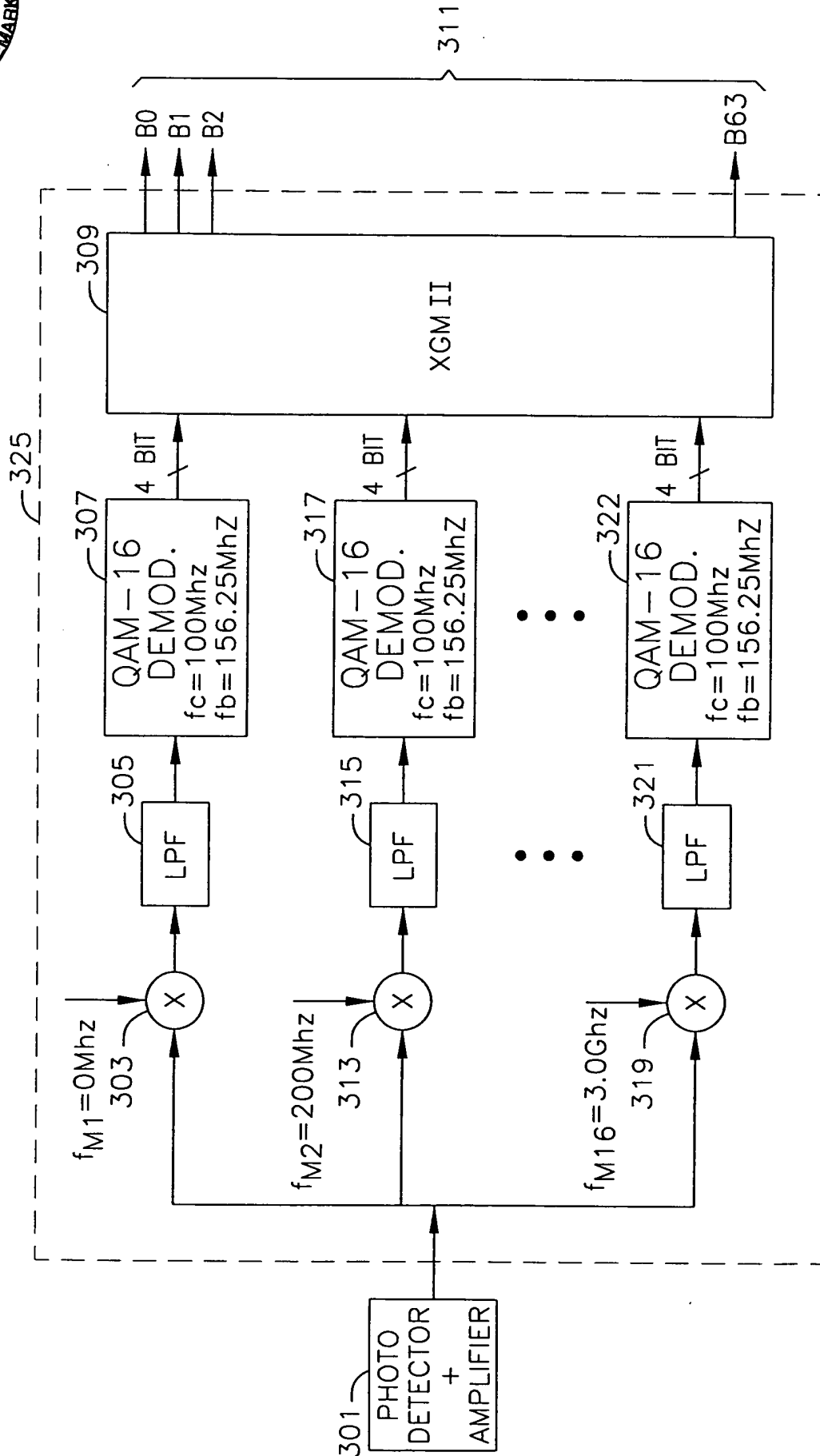
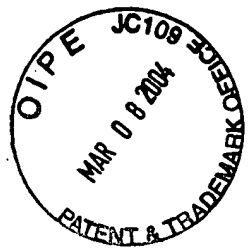
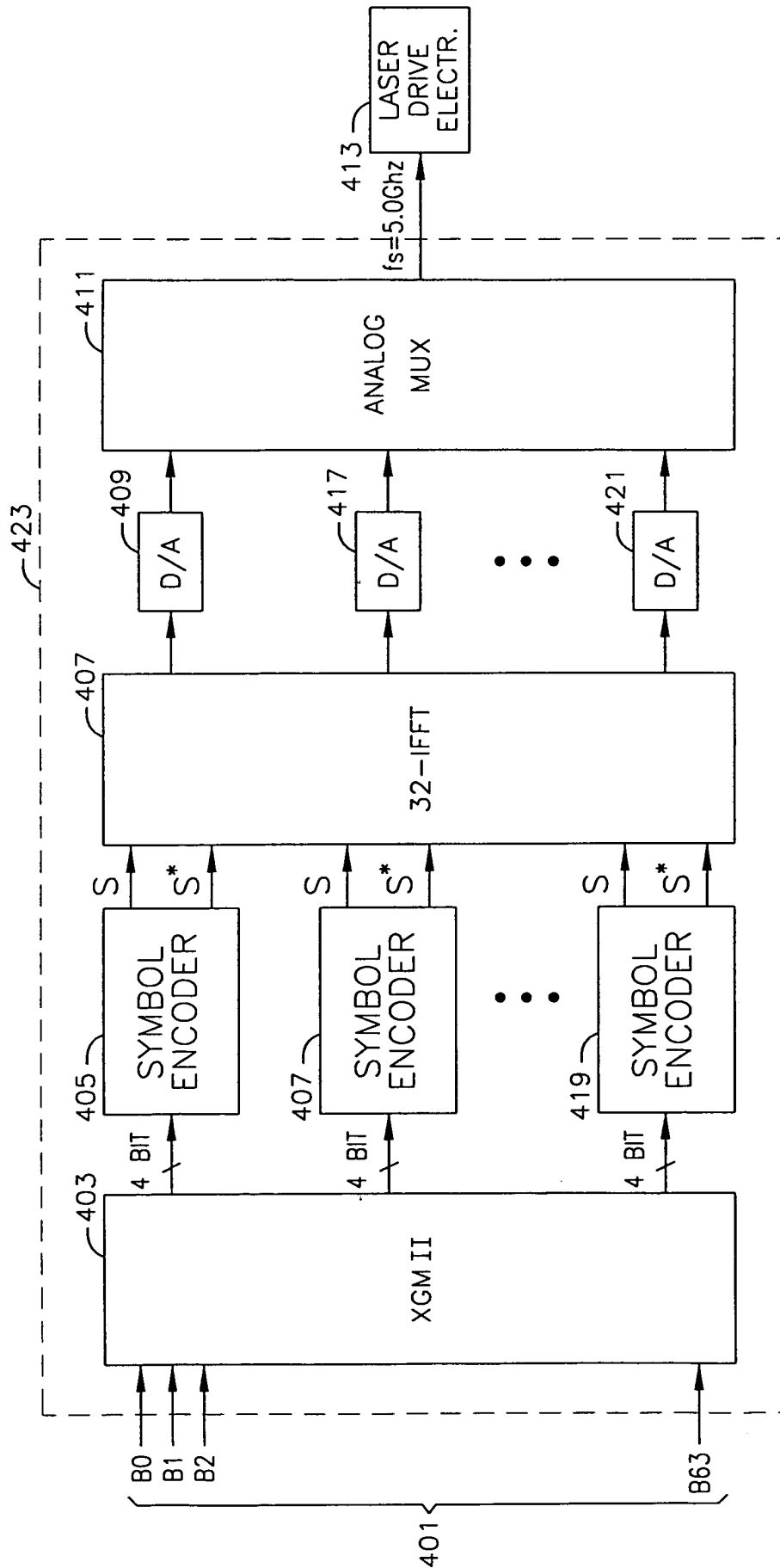
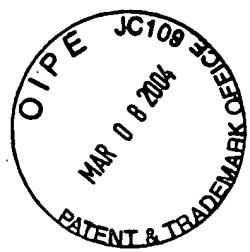


FIG. 3







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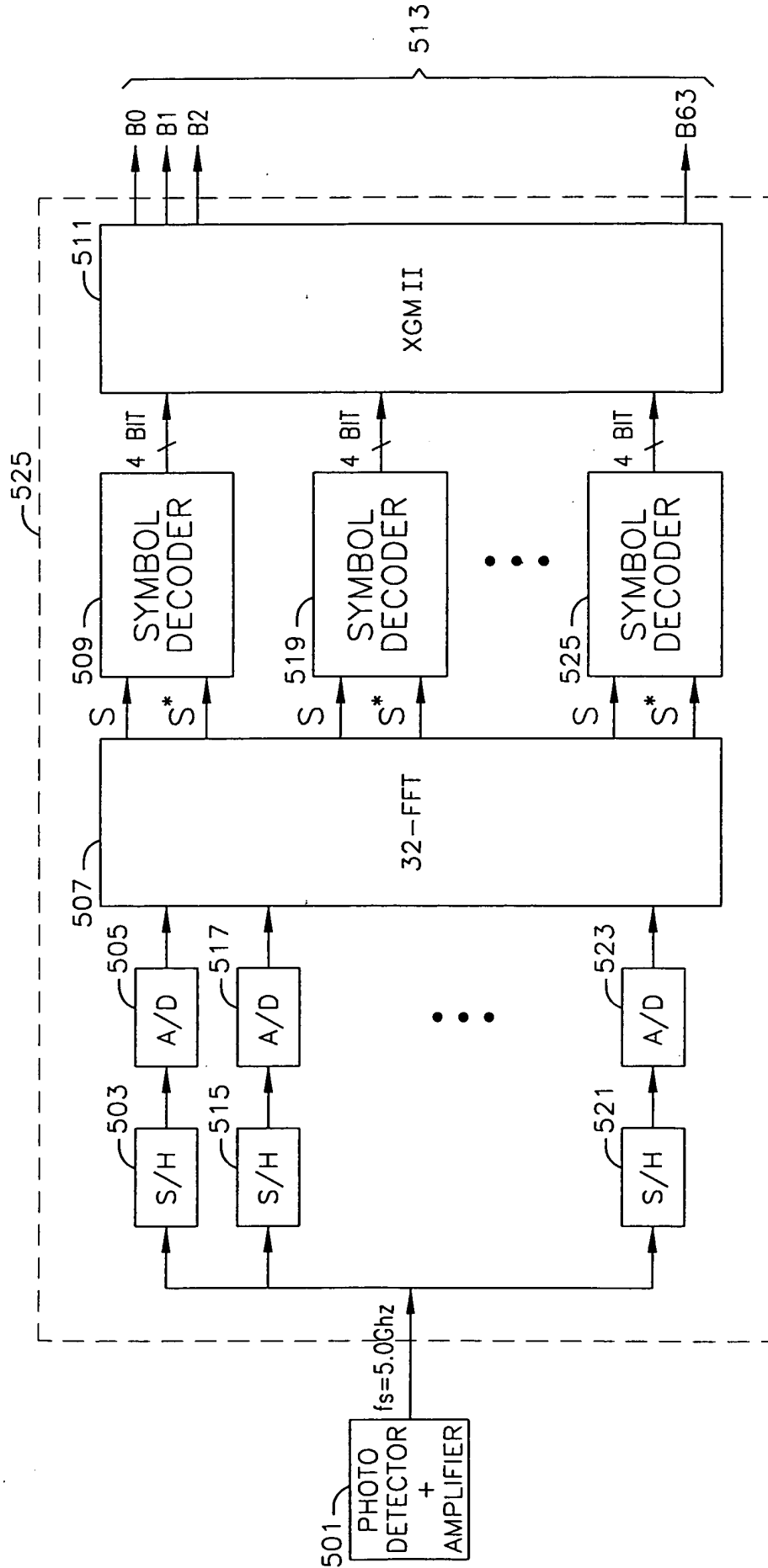
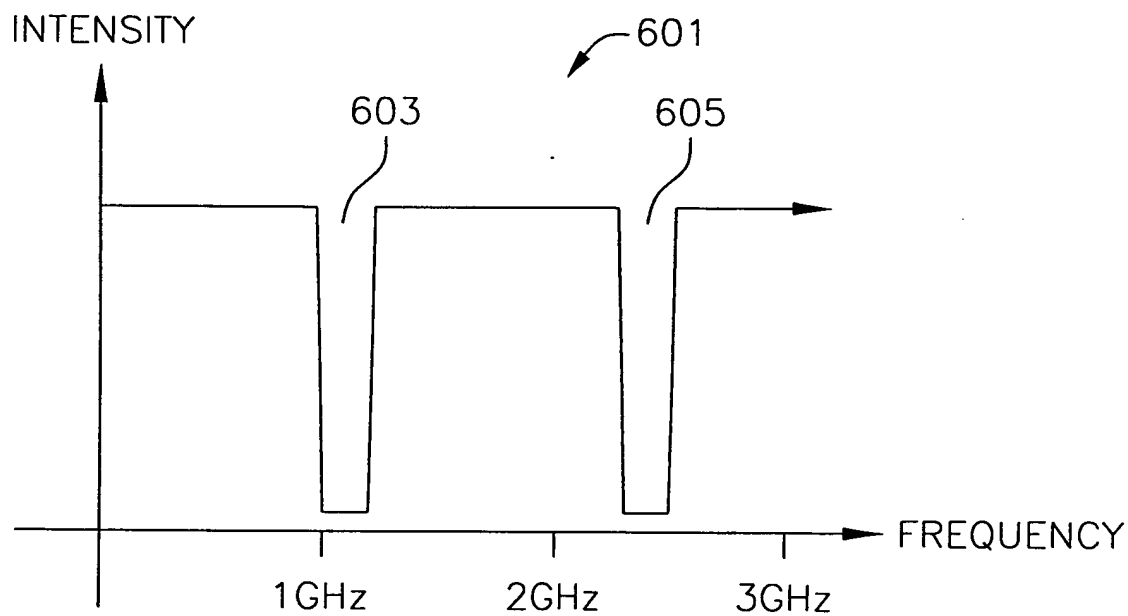


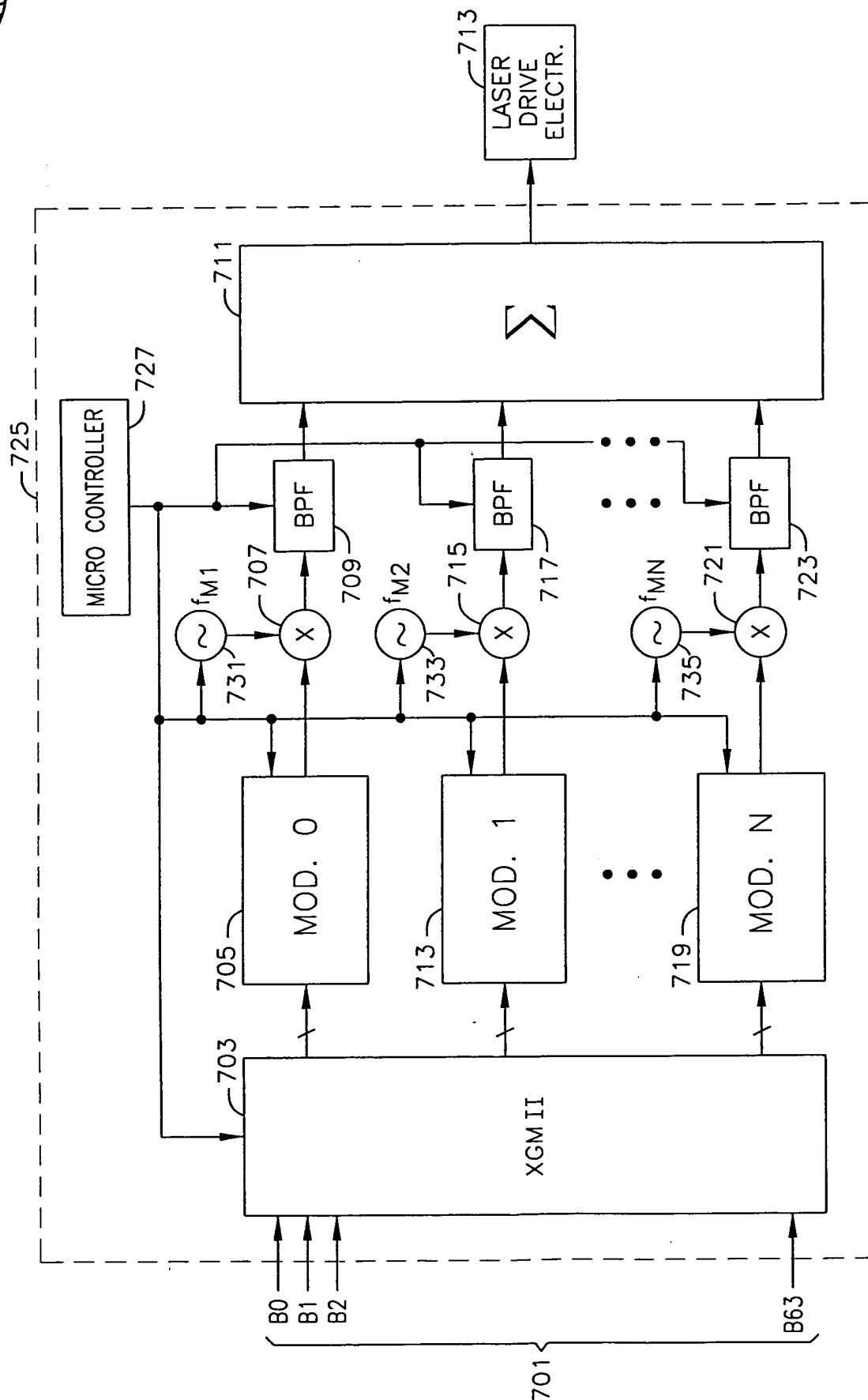
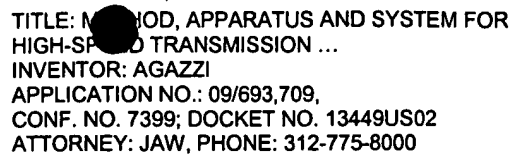
FIG. 5



TITLE: METHOD, APPARATUS AND SYSTEM FOR  
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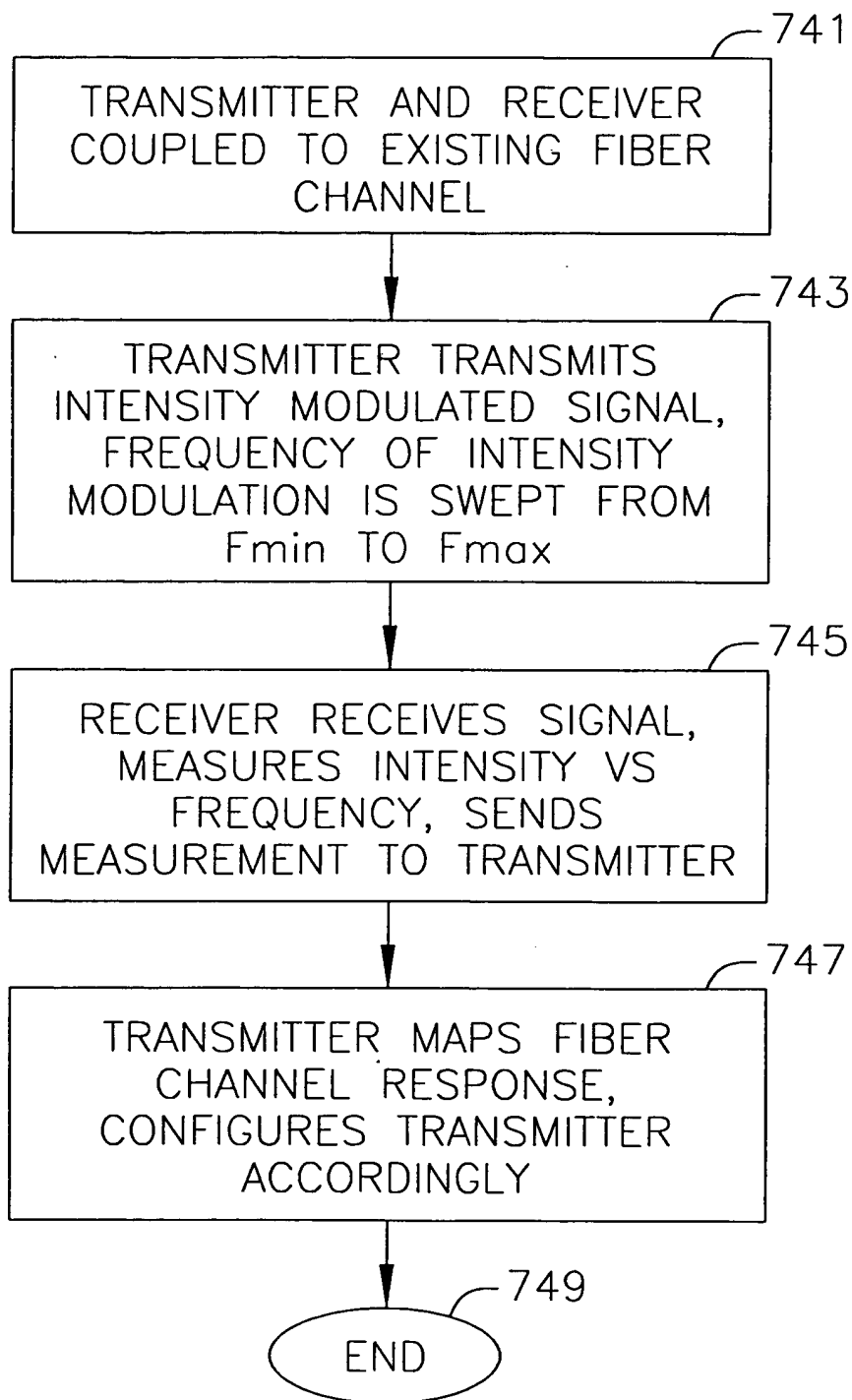


*FIG. 6*





## FIG. 7B





TITLE: METHOD, APPARATUS AND SYSTEM FOR  
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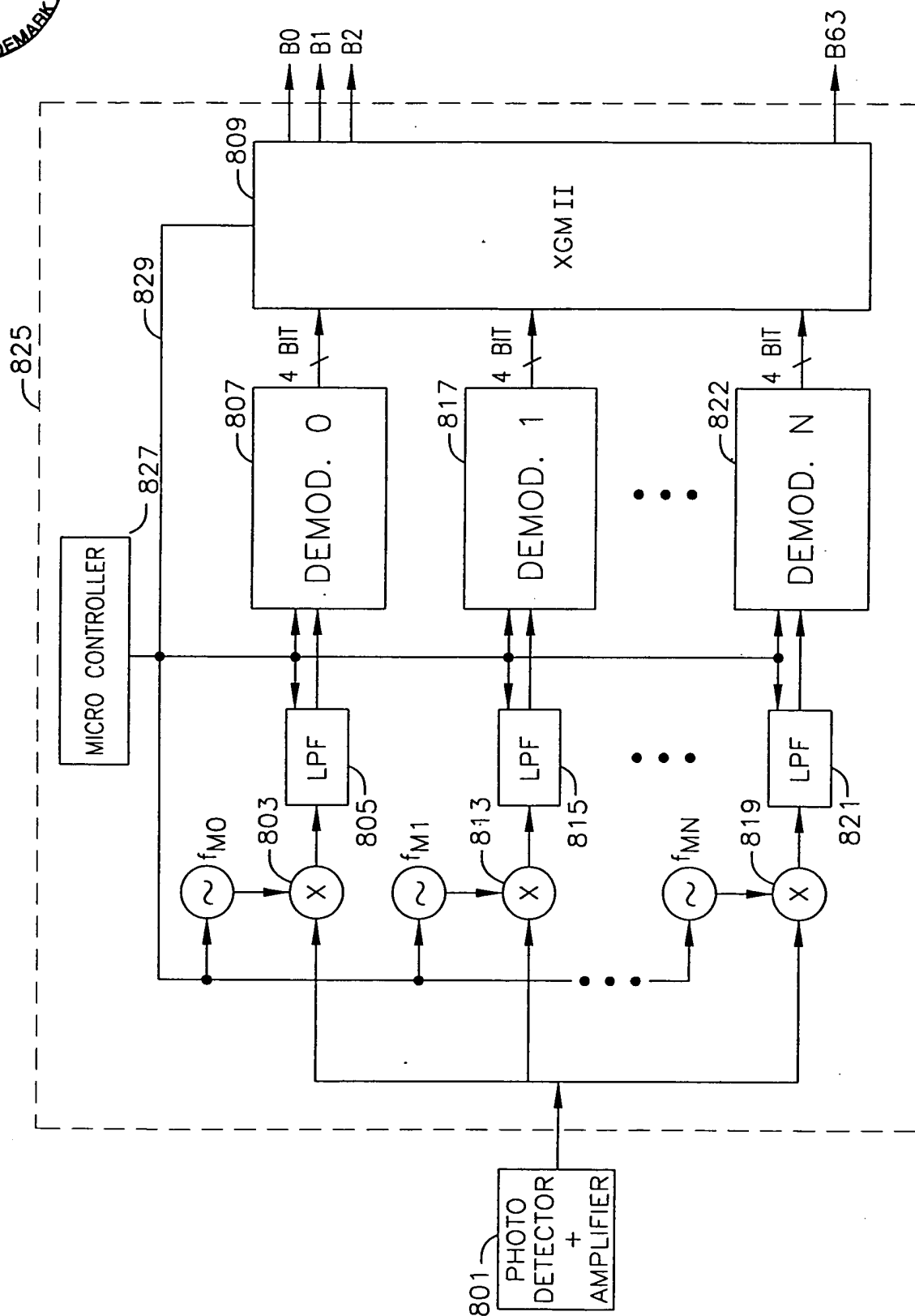


FIG. 8

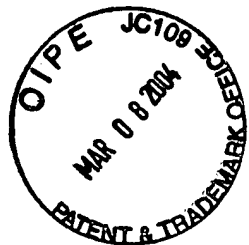
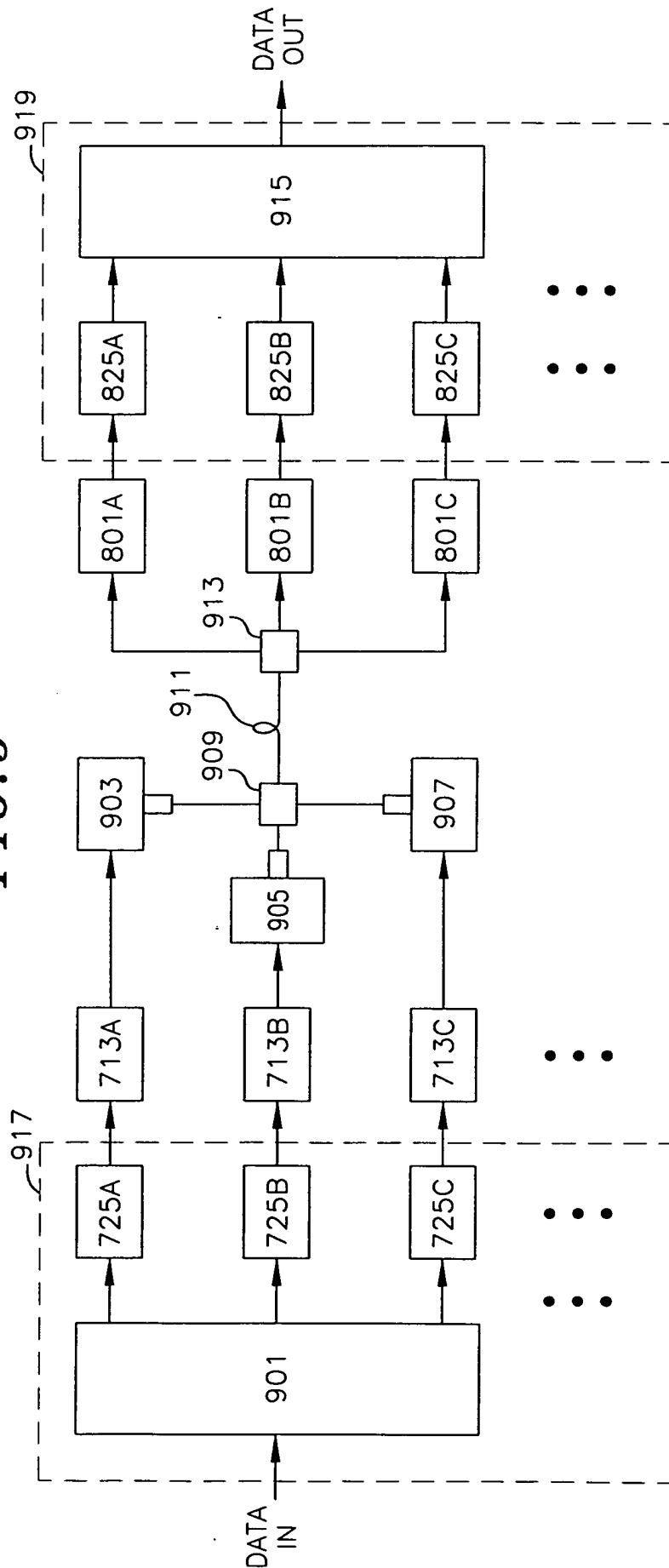
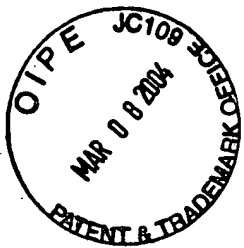


FIG. 9





TITLE: METHOD, APPARATUS AND SYSTEM FOR  
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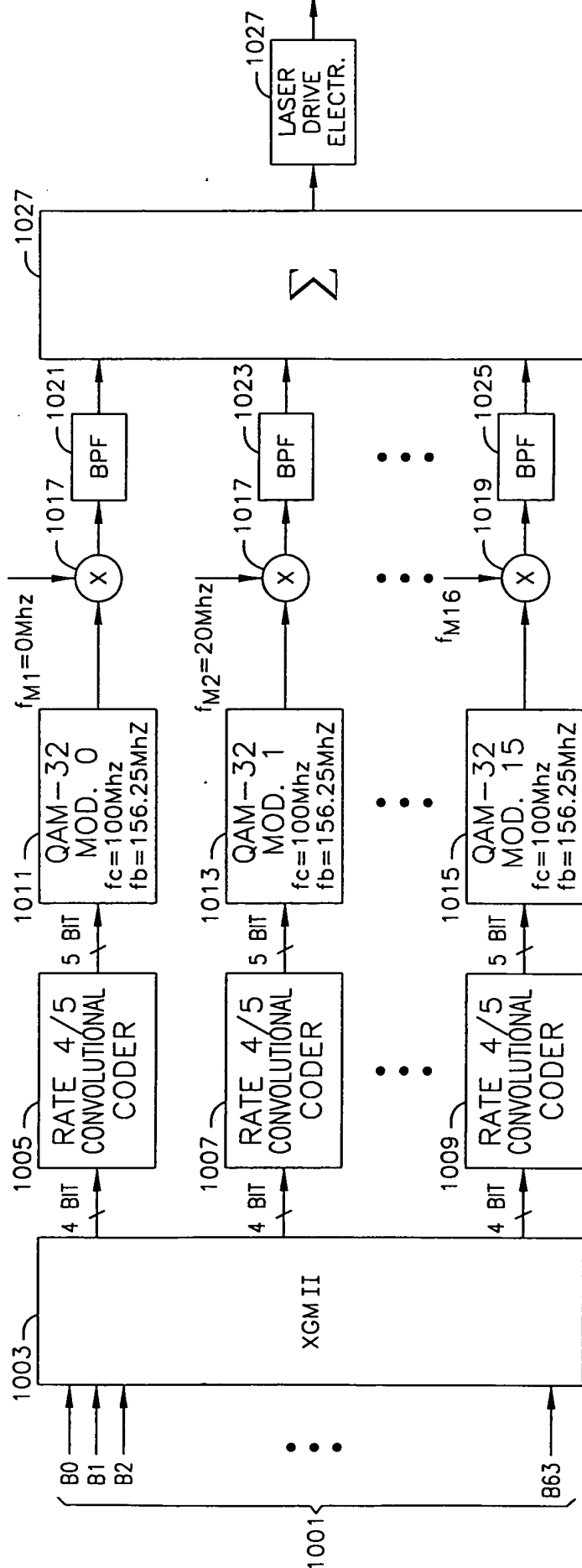


FIG. 10





THE METHOD, APPARATUS AND SYSTEM FOR  
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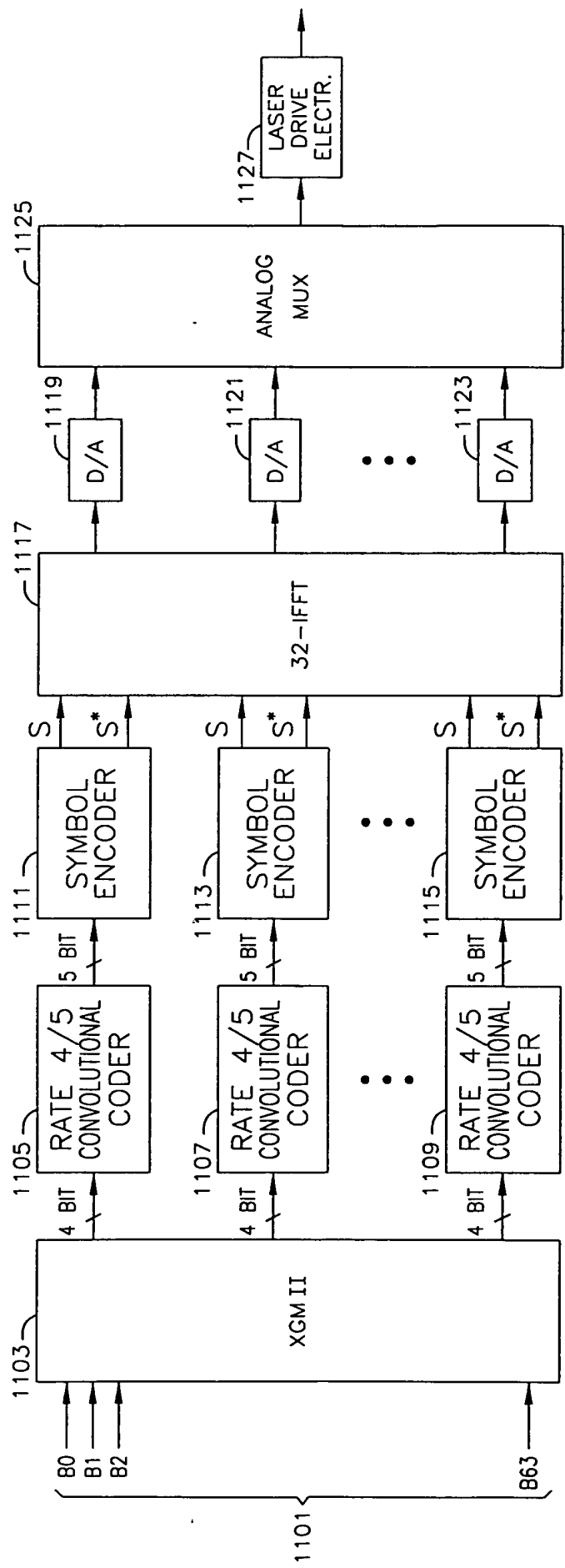


FIG. 11

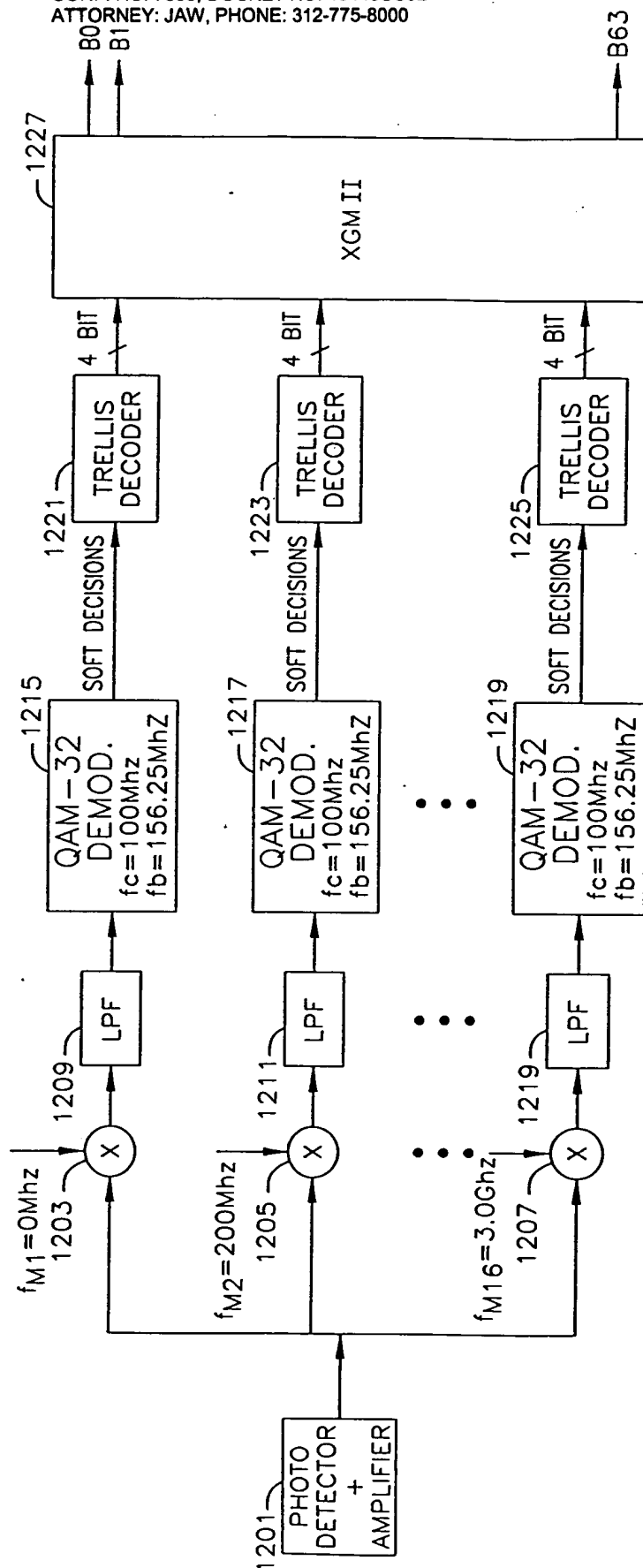
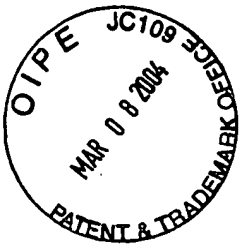


FIG. 12



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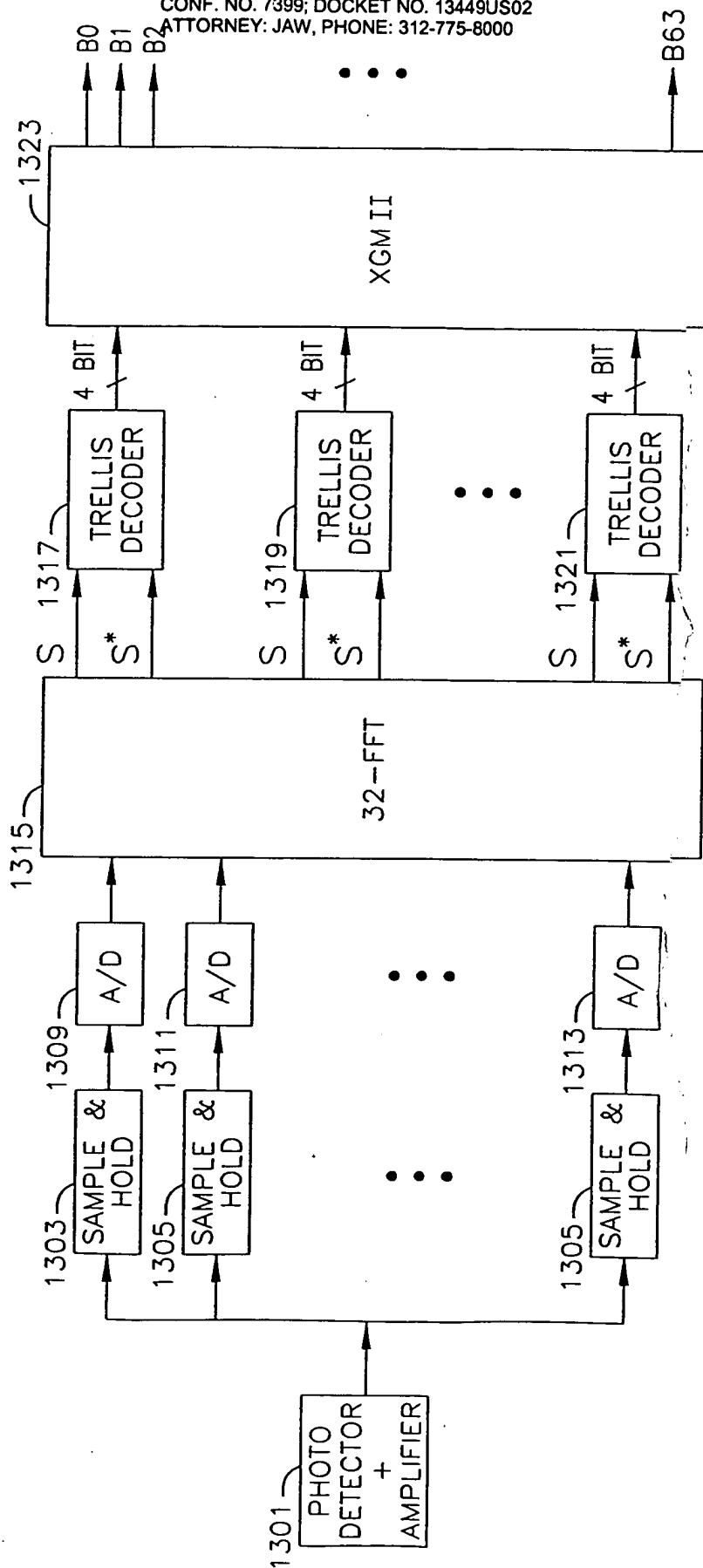


FIG. 13